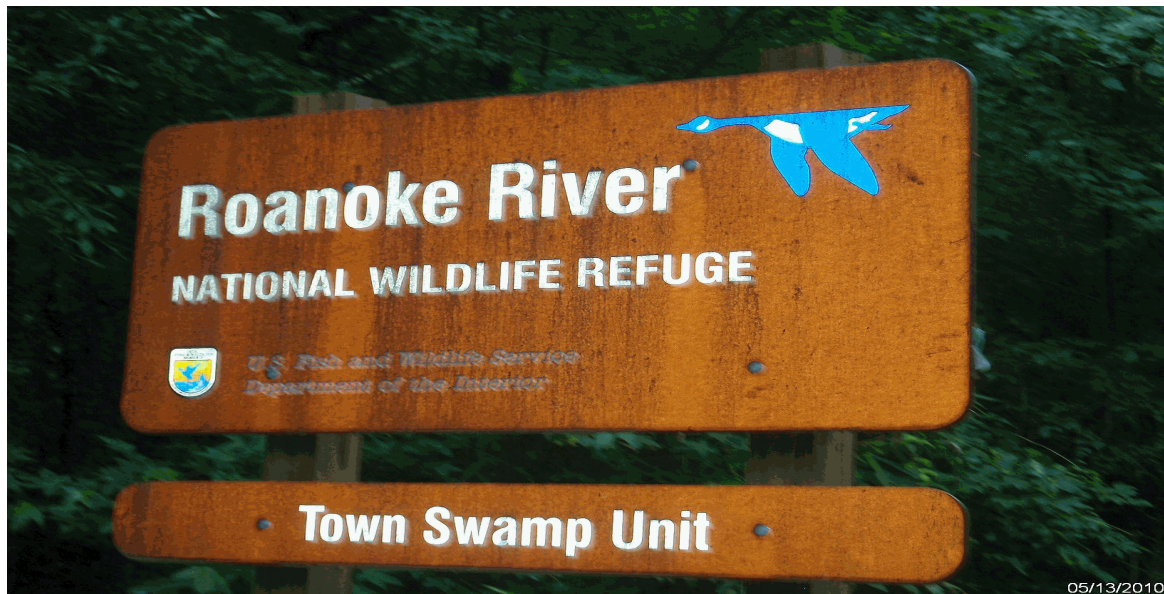


The Trail Inventory of Roanoke River NWR

Windsor, NC



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
March, 2012



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Roanoke River NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

| Trail Surface Type | Excellent | | Good | | Fair | | Total |
|--------------------|-----------|-----|-------|------|-------|-----|-------|
| | Miles | % | Miles | % | Miles | % | Miles |
| Native | 0.63 | 27% | 0.00 | 0% | 1.72 | 73% | 2.35 |
| Gravel | 0.00 | 0% | 0.64 | 100% | 0.00 | 0% | 0.64 |
| Total | 0.63 | 21% | 0.64 | 21% | 1.72 | 58% | 2.99 |

Trail Miles and Percentages by Trail Classification and Condition

| Trail Classification | Excellent | | Good | | Fair | | Total |
|----------------------|-----------|-----|-------|------|-------|-----|-------|
| | Miles | % | Miles | % | Miles | % | Miles |
| TC2 | 0.63 | 27% | 0.00 | 0% | 1.72 | 73% | 2.35 |
| TC4 | 0.00 | 0% | 0.64 | 100% | 0.00 | 0% | 0.64 |
| Total | 0.63 | 21% | 0.64 | 21% | 1.72 | 58% | 2.99 |

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

| Trail Number | Feature Type | Quantity | Grouped Feature | Milepost | Photo |
|--------------|--------------|----------|-----------------|----------|------------------|
| T200 | Trailhead | 1 | No | 0.00 | RORI_C2_000 1 |
| T201 | Trailhead | 1 | No | 0.00 | RORI_C2_000 2 |
| T400 | Gate | 1 | No | 0.00 | |
| T400 | Trailhead | 1 | No | 0.00 | RORI_C2_001 1 |
| T400 | Sign | 3 | Yes | 0.03 | RORI_C2_001 2 |
| T400 | Sign | 4 | Yes | 0.08 | RORI_C2_001 3 |
| T400 | Sign | 1 | No | 0.64 | RORI_C2_001 4 |

sf - square feet

lf - linear feet

cf - cubic feet

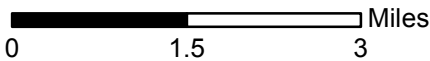
Roanoke NWR Trail Location Map



Station Boundary



HQ/VC



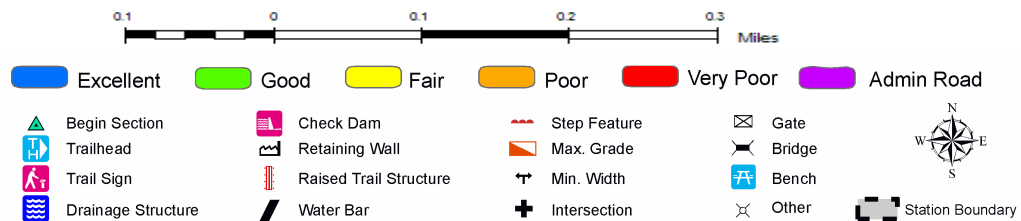
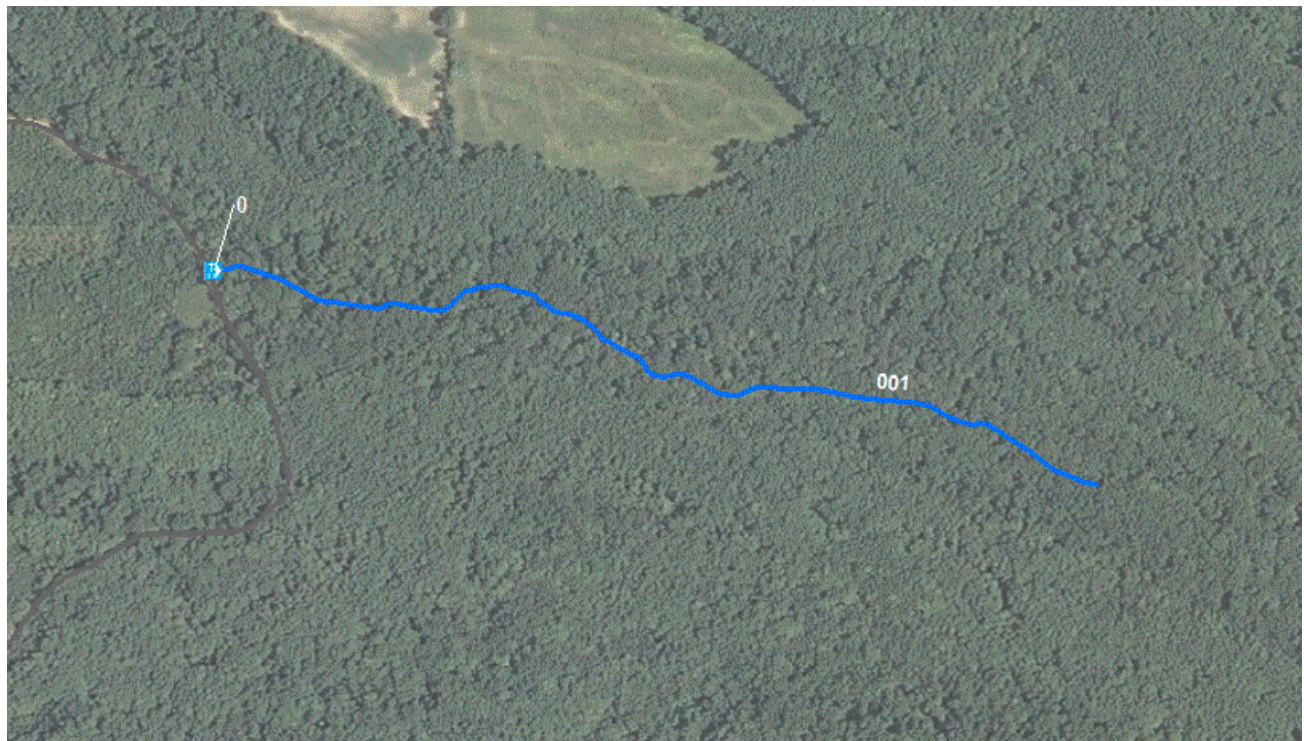
Trails ID

Station Name: Roanoke River NWR

Org Code: 42630

| Trail Number | Trail Name | Surface Type | SAMMS | Trail Mileage | Trail Description (Begin and End point of trail) |
|--------------|---------------------|--------------|----------|---------------|---|
| T200 | Rascoe Ridge Trail | Native | 10017011 | 0.63 | From Main Road (Rte 010) MP 2.8 to end of trail |
| T201 | Hickory Ridge Trail | Native | 10041705 | 1.72 | From Main Road (Rte 010) MP 1.9 to Main Road (Rte 010) MP 3.4 |
| T400 | Kuralt Trail | Gravel | 10017012 | 0.64 | From Conine South Parking (Rte 903) to end of trail |

TRAIL CONDITION



Trail Name: Rascoe Ridge Trail
Trail Number: T200

Refuge Name: Roanoke River NWR
Region: 4

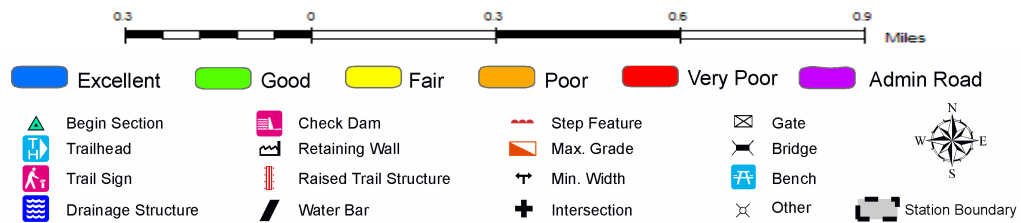
Total Length: 0.63 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.63 |
| SAMMS Number | 10017011 |
| Rating Date | 07/14/2006 |
| Trail Section Information | |
| Trail Class | TC2 |
| Surface Type | Native |
| Surface Firmness | Firm |
| Width (inches) | 48 |
| Average Grade (%) | 1.3 |
| Average X-slope (%) | 1.60 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | \$53,746 |
| FCI | 0.00 |
| Condition | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| | \$53,746 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Hickory Ridge Trail
Trail Number: T201

Refuge Name: Roanoke River NWR
Region: 4

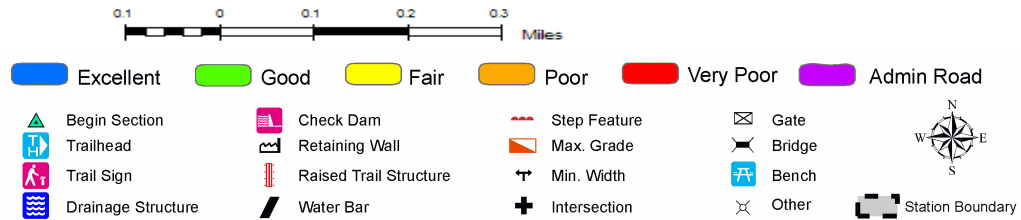
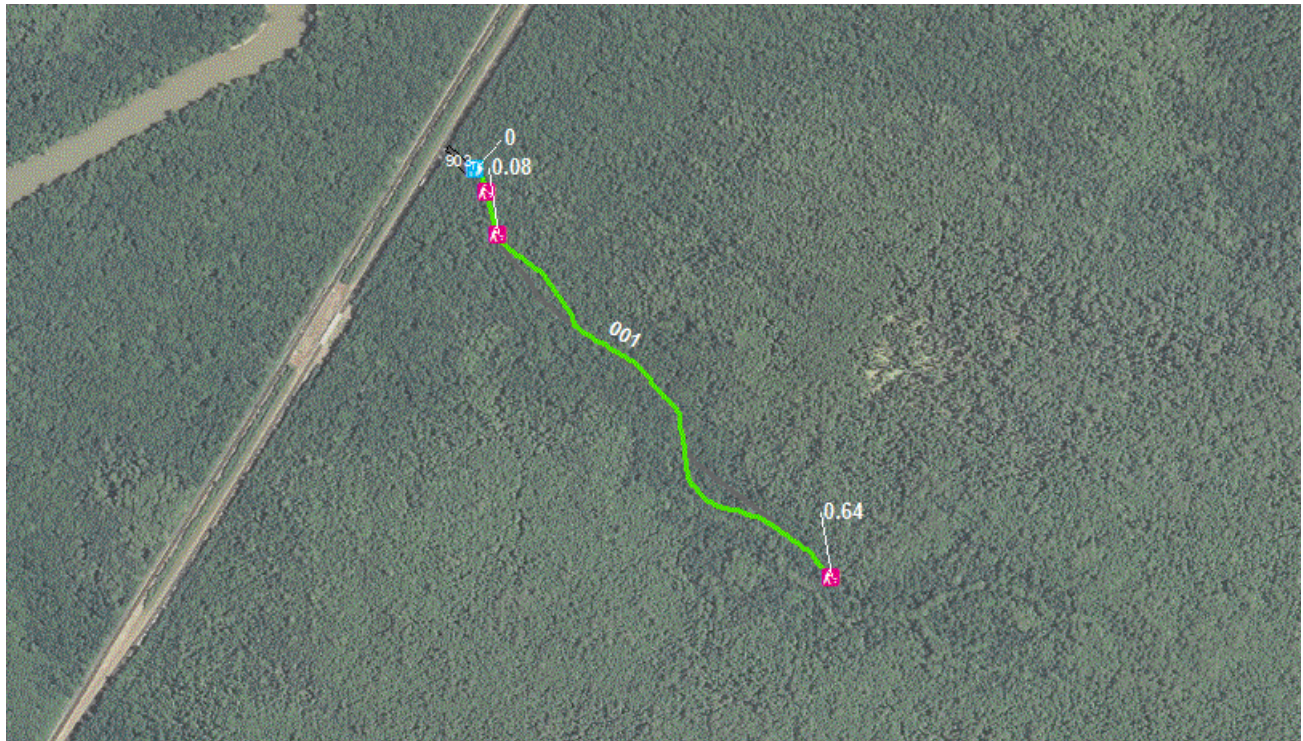
Total Length: 1.72 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 1.72 |
| SAMMS Number | 10041705 |
| Rating Date | 07/15/2006 |
| Trail Section Information | |
| Trail Class | TC2 |
| Surface Type | Native |
| Surface Firmness | Firm |
| Width (inches) | 48 |
| Average Grade (%) | 1.2 |
| Average X-slope (%) | 3.00 |
| Trail Condition Information | |
| Deferred Maintenance | \$10,446 |
| CRV | \$146,728 |
| FCI | 0.07 |
| Condition | Fair |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----------|------|-----------|
| \$10,446 | \$146,728 | 0.07 | Fair |

TRAIL CONDITION



Trail Name: Kuralt Trail
Trail Number: T400

Refuge Name: Roanoke River NWR
Region: 4

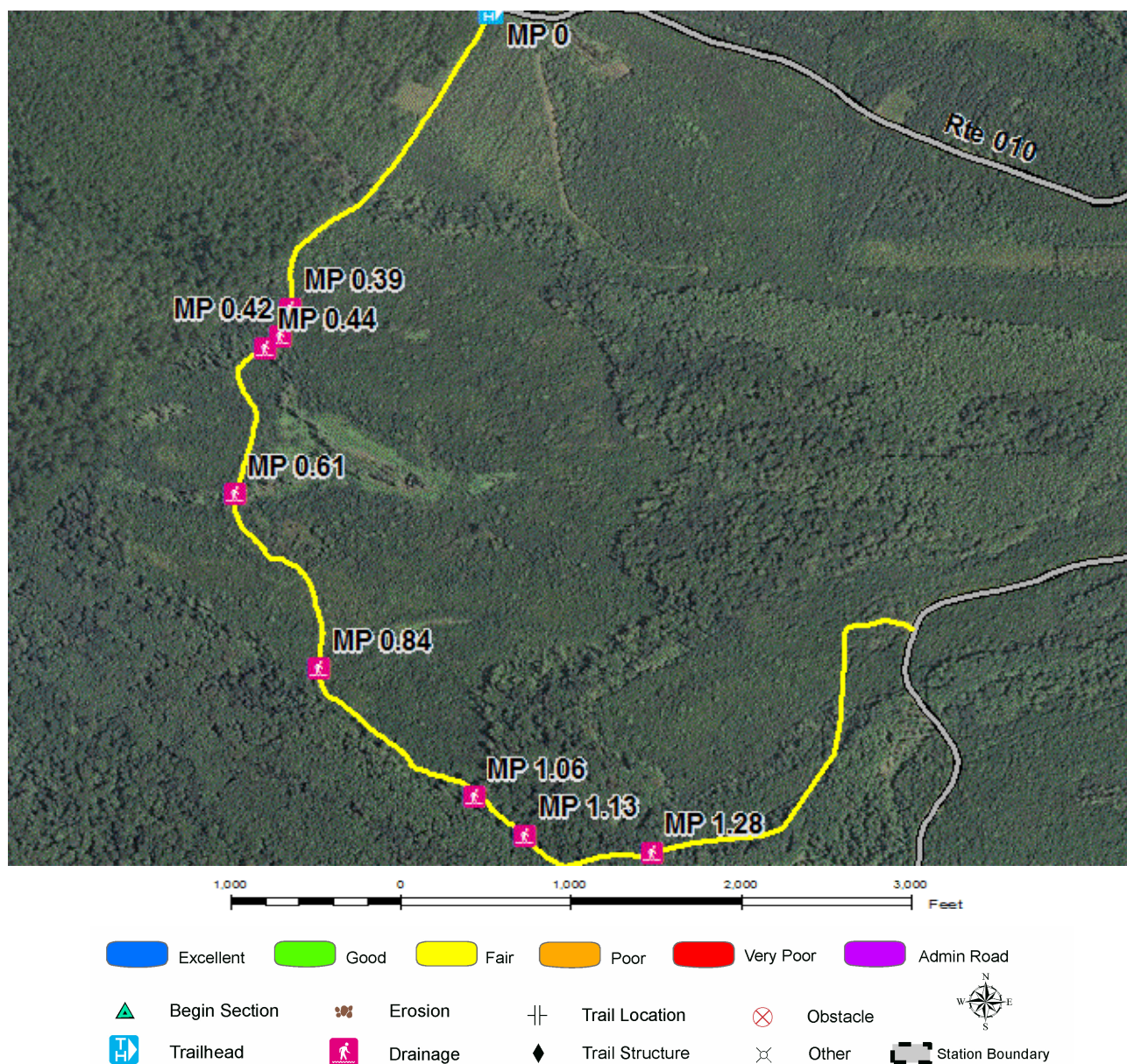
Total Length: 0.64 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.64 |
| SAMMS Number | 10017012 |
| Rating Date | 07/15/2006 |
| Trail Section Information | |
| Trail Class | TC4 |
| Surface Type | Gravel |
| Surface Firmness | Hard |
| Width (inches) | 60 |
| Average Grade (%) | 1.4 |
| Average X-slope (%) | 1.50 |
| Trail Condition Information | |
| Deferred Maintenance | \$1,492 |
| CRV | \$74,451 |
| FCI | 0.02 |
| Condition | Good |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| \$1,492 | \$74,451 | 0.02 | Good |

TRAIL DEFICIENCY



Trail Name: Hickory Ridge Trail

Refuge Name: Roanoke River NWR

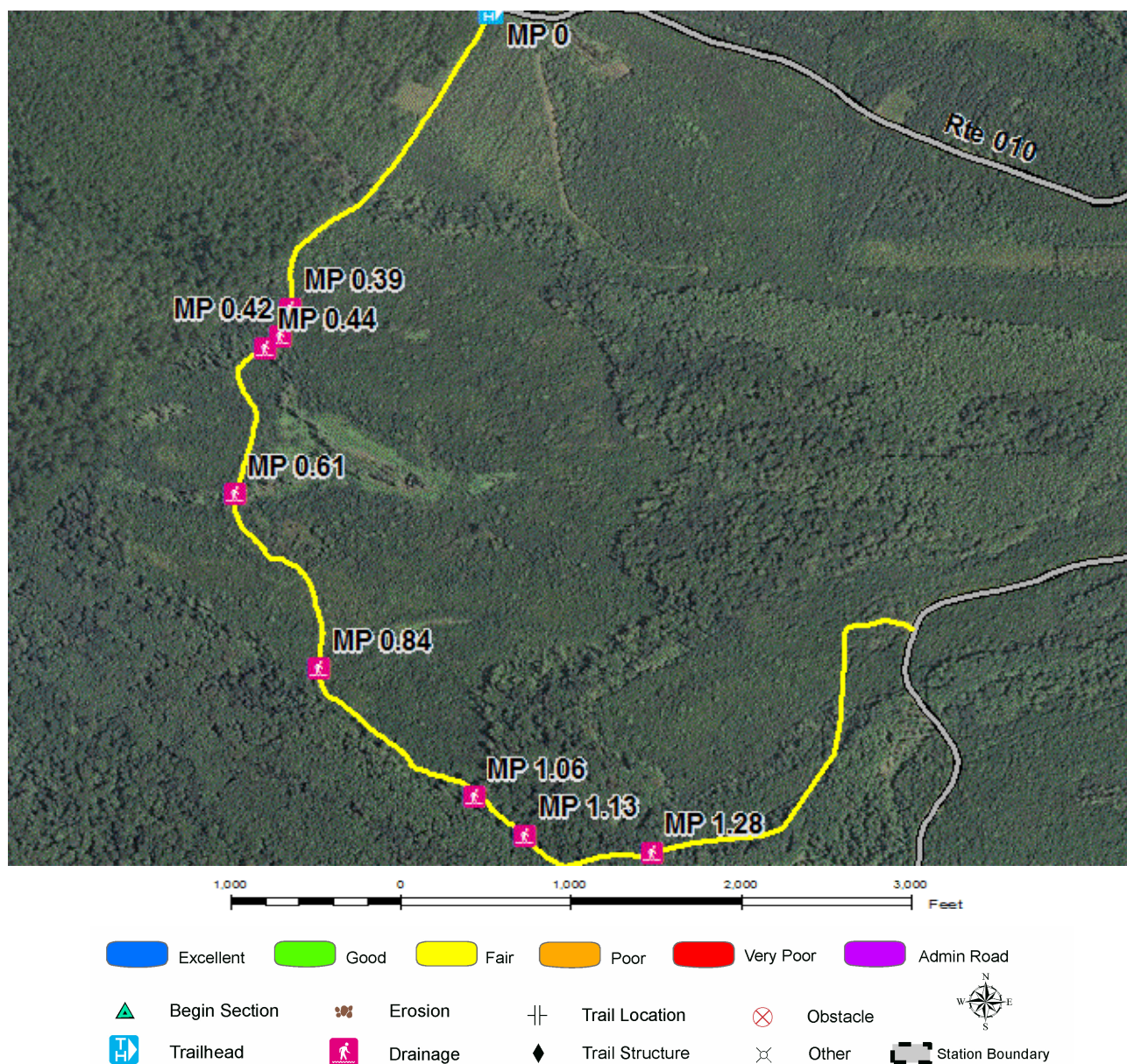
Trail Number: T201

Region: 4

Total Length: 1.72 Miles

| | | | | |
|----------------------|--------------|--------------|--------------|--------------|
| Mile Post | 0.39 | 0.42 | 0.44 | 0.61 |
| Section Number | 001 | 001 | 001 | 001 |
| Photo Number | RORI_C2_0010 | RORI_C2_0008 | RORI_C2_0007 | RORI_C2_0006 |
| Deficiency | Drainage | Drainage | Drainage | Drainage |
| Action | Build/Add | Build/Add | Build/Add | Build/Add |
| Item | Puncheon -lf | Puncheon -lf | Puncheon -lf | Puncheon -lf |
| Quantity | 23 | 60 | 15 | 50 |
| Deferred Maintenance | \$255 | \$599 | \$180 | \$506 |

TRAIL DEFICIENCY



Trail Name: Hickory Ridge Trail

Refuge Name: Roanoke River NWR

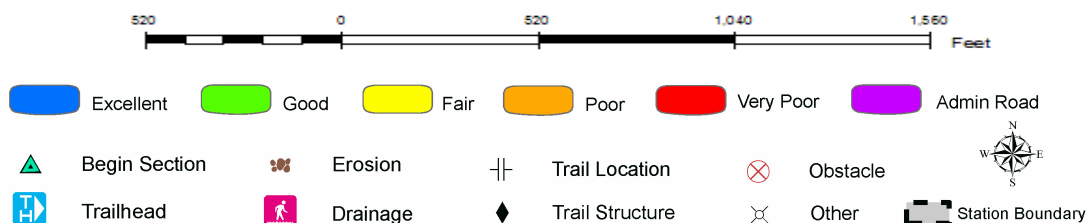
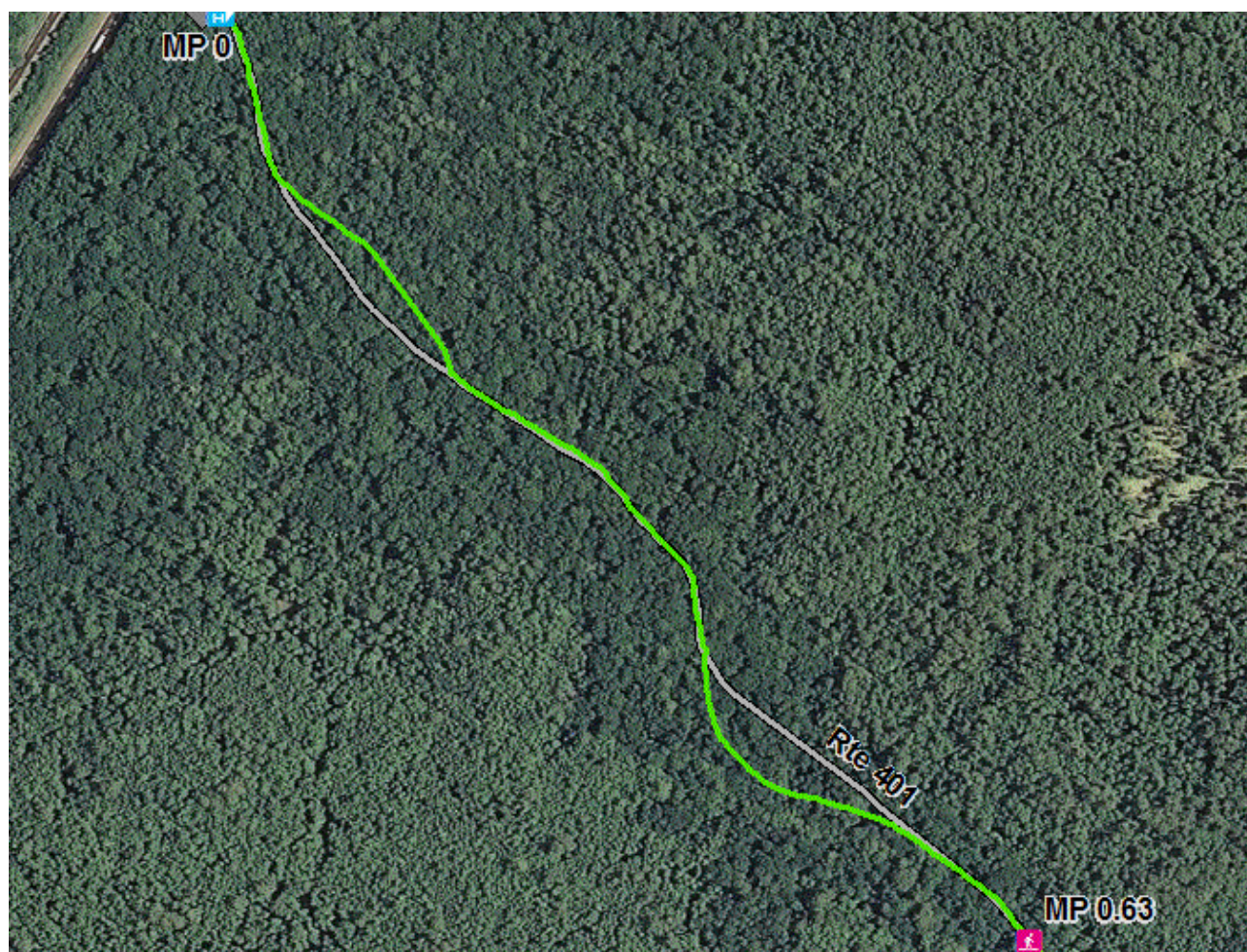
Trail Number: T201

Region: 4

Total Length: 1.72 Miles

| | | | | |
|----------------------|--------------|--------------|--------------|---------------|
| Mile Post | 0.84 | 1.06 | 1.13 | 1.28 |
| Section Number | 001 | 001 | 001 | 001 |
| Photo Number | RORI_C2_0005 | RORI_C2_0004 | RORI_C2_0003 | |
| Deficiency | Drainage | Drainage | Drainage | Drainage |
| Action | Build/Add | Build/Add | Build/Add | Build/Add |
| Item | Puncheon -lf | Puncheon -lf | Puncheon -lf | Boardwalk -lf |
| Quantity | 100 | 100 | 30 | 200 |
| Deferred Maintenance | \$971 | \$971 | \$320 | \$6,644 |

TRAIL DEFICIENCY



Trail Name: Kuralt Trail

Refuge Name: Roanoke River NWR

Trail Number: T400

Region: 4

Total Length: 0.64 Miles

| | | |
|----------------------|--------------|--------------|
| Mile Post | 0.63 | 0.63 |
| Section Number | 001 | 001 |
| Photo Number | RORI_C2_0016 | RORI_C2_0016 |
| Deficiency | Drainage | Drainage |
| Action | Build/Add | Repair |
| Item | Culvert -lf | Tread -sf |
| Quantity | 8 | 300 |
| Deferred Maintenance | \$790 | \$702 |

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Roanoke River NWR
DATE: 07/14/2006



Photo # RORI_C2_0001 - MP 0.00 - Trailhead

TRAIL NUMBER: T201
STATION: Roanoke River NWR
DATE: 07/15/2006



Photo # RORI_C2_0002 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Roanoke River NWR
DATE: 07/15/2006



Photo # RORI_C2_0011 - MP 0.00 - Trailhead

TRAIL NUMBER: T400
STATION: Roanoke River NWR
DATE: 07/15/2006



Photo # RORI_C2_0012 - MP 0.03 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400

STATION: Roanoke River NWR

DATE: 07/15/2006



Photo # RORI_C2_0013 - MP 0.08 - Sign

TRAIL NUMBER: T400

STATION: Roanoke River NWR

DATE: 07/15/2006



Photo # RORI_C2_0014 - MP 0.64 - Sign

Glossary of Terms and Abbreviations

| | |
|--|---|
| Acc Info | Accessibility information available at trailhead. |
| Action | Action required to correct deficiency. |
| Admin Road | Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done. |
| Alt SAMMS | SAMMS number of Alternate Facility Type. |
| Alt Type | Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number. |
| AvgGrade | The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| AvgSlope | The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| Check Dam | A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows. |
| Condition | Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed |
| Crib Wall | Retaining wall. |
| Current Replacement Value (CRV) | The value of an asset determined by the estimated cost of replacing it. |
| Def type | Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other. |
| Deferred Maintenance (DM) | Maintenance that was not performed when scheduled. |

| | |
|---|---|
| Elem ID | Unique identifier for each trail section: Org Code-Trail Number-Section Number. |
| Facility Condition Index (FCI) | DM/CRV |
| Grouped Features | Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary. |
| Info Type | Type of accessibility information available at trailhead: brochure, sign or other. |
| Item | Item on which the “Action” (see above) will be performed. |
| Manage_Use | Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER. |
| MP | Distance of a trail feature or deficiency from the Trailhead. |
| Puncheon | Log footbridge used in area of poor drainage. |
| Raised Trail Structure | Boardwalk, Turnpike, Puncheon. |
| T Class | Trail Class: I-V (see Appendix ? for trail class descriptions). |
| Tr Desig | Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST). |
| Turnpike | Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs. |